

# Installation instructions for strip parquet with tongue/groove connection

Attention: Read thoroughly from beginning to end before installation!

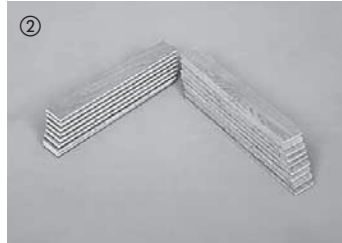
Please always comply with the installation instructions that are enclosed with the cartons. The accompanying instructions are binding!

## Installation as herringbone

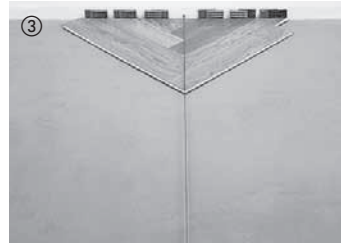
(only possible with products designated for this)



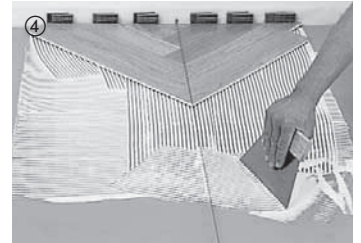
① Left board. Right board. Right and left boards are required for the herringbone installation. Left board: Tongue short side up and on left long side. Right board: Tongue short side up and on right long side.



② ready before installation.



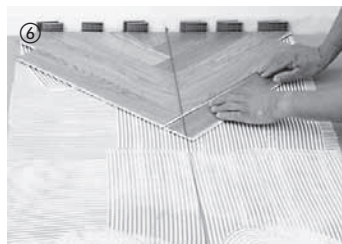
③ Lay out and fit together some double rows without adhesive. The chalk line (centre of picture) runs through the centre of the room.



④ Apply adhesive along the chalk line laid out in the centre. Lay the boards previously laid out and fitted together into the glue layer. Only apply enough adhesive to lay strips in 15 minutes (coverage: 800 -- 1000 mg/m<sup>2</sup>).



⑤ The herringbone peaks run along the chalk line.



⑥ Glue the first herringbone double row along the chalk line and lay on both sides up to the wall.



⑦ Lay more rows left and right from the centre out up to the wall.

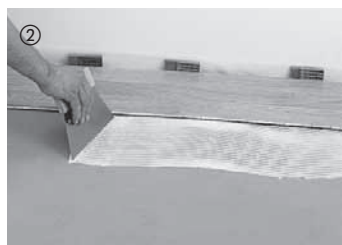


⑧ In the wall area fit in cut-off boards with 45° saw cut (plan in approx 10 mm wall spacing all-round). In door thresholds you can lay without any expansion space.

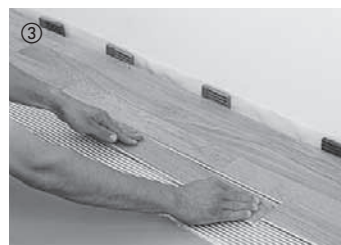
## Pattern installation



① Installation tools: Special tapping block, distance spacers, professional pull tool, flexible glue, notched applicator D, pencil, pocket rule.



② Stir glue thoroughly before use. Apply with notched applicator, coverage approx. 800-1000 g/m<sup>2</sup>. Insert the flooring boards within 15 minutes. Start with the tongue side parallel to the wall in the case of Tongue and Groove plus.



③ The boards are taken directly from the carton and joined together in tongue and groove.



④ Fix wall spacing of approx. 10 mm with wedges. If necessary, place weights on the flooring boards around perimeter or at uneven areas.

Please turn over to general information.

# General information

**Attention: Read thoroughly from beginning to end before installation!**

## Measures to take before installation

Do not open the cartons prior to installation. Acclimate the boards in their unopened cartons during the winter months to a recommended room temperature of approximately 18° C (65°F).

**Important: Prior to installation, inspect the boards in daylight for any visible faults or damage and also check colour and texture. To achieve a regular distribution of the grade in the floor, we recommend installing from different packs at the same time. No claims are accepted once flooring boards have been installed. Elastic and textile floor coverings must be completely removed leaving no remains.**

## Direction of installation:

The direction of laying normally depends on the main source of light fall in the room, e.g. French windows. The boards should run parallel with the entering light for best appearance. However, the proportions of the room can also be emphasised by skilled selection of the direction in which your parquet is laid. Light-coloured wood makes small rooms appear larger.

## Subfloor:

*Suitable subfloors:*

- Cement or poured cement floors
- Sanded anhydrite or anhydrite cast floors
- V100 (E1) installation boards or OSB boards
- Dry screed based on plaster or cement fibres
- Mastic asphalt floors (AS) leveled
- Mineral subfloors

*Subfloor testing and preparation:*

The subfloor must be tested before laying according to the German standards VOB, Part C, DIN 18 365 "Flooring Works" and DIN 18 356 "Parquet Works." The subfloor must be dry, absorbent, clean and even, compression- and tension-proof, and free of cracks. Make sure the subfloor has been primed and cleaned thoroughly from oil, grease, wax, paint, plaster, dust and other deleterious substances that may prevent or reduce adhesion.

Difficult subfloors, such as old mastic asphalt floors, very absorbent or sandy cement floors, old ceramic floors, etc., require special subfloor preparation to ensure a proper substrate for laying. In this case, prepare the subfloor with appropriate filler or compound according to manufacturer's specifications. With mastic asphalt floors, it is also essential to remove excess or loose siliceous sand with a disk sander and vacuum with an industrial vacuum cleaner.

Gluing on unsound subfloors, old PVC or glued-down felt carpeting is not possible. If in any doubt, do not hesitate to ask our technical service department (info@hamberger.de).

## Moisture check:

The subfloor must be checked in a workmanlike manner by using a suitable measuring instrument (CM meter) in order to verify compliance with the required limit moisture content for laying the floor covering.

Limit moisture content without underfloor heating: Cement or poured cement floors ≤ 2.0 CM (weight%); anhydrite or anhydrite cast floors ≤ 0.5 CM (weight)%

When laying your floor in rooms on or below grade, it is necessary that a state-of-the-art or DIN-compliant moisture barrier be installed.

Please observe the preparatory measures which you find on our web site and in the "Installation over Underfloor Heating" section of these Laying Instructions. Prior to installation, a signed Record of Preparatory Subfloor Heat-Up Phase must be submitted by the client.

## Installation over underfloor heating:

When installing your floor over underfloor heating, the screed must be laid in accordance with the German DIN 1853 standard. Before you start the installation, please verify that the underfloor heating system has been installed in compliance with DIN EN 1264 Part 1-4 and that the proper

preparatory heat-up phase has been completed once the professional installers have been coordinated. Detailed instructions on installation over underfloor heating can be obtained from your dealer.

## Care:

Detailed instructions on care can be found in the HARO Floor Care Guide which you can obtain from your dealer.

## Varnished parquet:

**Dry cleaning:** It is generally sufficient to clean the parquet dry using a mop, soft broom or vacuum cleaner.

**Damp cleaning/Care:** We recommend damp mopping your floor surface regularly with clean & green natural diluted in water. Cleaning frequency depends here on the wear and tear your floor is subjected to.

## Parquet with naturaLin plus:

### Initial treatment:

naturaLin Plus is a natural, air-drying surface. For treating this type of surface with oil, **we recommend you start by treating the surface straight after the installation.**

### Initial treatment with clean & green aqua oil:

Easy initial treatment using aqua oil and flat wet-mop. The floor is ready to walk on after 2 hours. The floor surface must be cleaned thoroughly (dust-free) before applying clean & green aqua oil. We recommend you use clean & green active for cleaning.

### Initial treatment with naturaLin Oil:

naturaLin Oil penetrates deeply into the wood and gives the floor a rustic appearance. The pores of the wood surface remain open, while the surface is resistant to the usual wear and tear. A polishing machine is required when applying naturaLin Oil. Please follow the instructions. The drying time is approx. 12 hours. We recommend that you subject the floor only to light duty during the first days after installation. The floor should not be soaped during the first two weeks after initial treatment.

### In the first 8 days after installation:

Do not move any heavy objects; do not cover the surface. In order to maintain the natural beauty of a parquet with oiled surface as long as possible, we strongly recommend that you go easy on your floor in the first 8 days after installation. Put off bringing in any heavy furniture or equipment as much as you can, and do not use any carpets or rugs. Dust and dirt can be vacuumed or swept up. If necessary you can damp mop with Hamberger's clean & green natural parquet cleaner. If heavy wear and tear on the floor cannot be avoided, it is recommended that the floor be briefly covered with cartons or cardboard. Please only cover the floor for as long as absolutely necessary.

### Regular cleaning:

#### Dry cleaning:

It is usually sufficient to clean your parquet dry using a dust mop, soft broom or vacuum cleaner. Damp mopping can always be carried out as required.

#### Damp cleaning:

We recommend that you damp clean your floor surface regularly, according to how dirty the floor is and wear and tear, using parquet cleaner clean & green natural.

### Regular care:

You can care for your oiled surface, according to wear and tear, from time to time by applying Clean & Green Aqua Oil parquet care. Regular care with Clean & Green Aqua Oil ensures the surface protection layer is restored and guarantees long life for your oiled parquet.

**Intensive care:**

If your parquet shows signs of wear and tear we recommend a basic cleaning with clean & green active, followed by treatment with clean & green aqua oil.

**Climatic conditions:**

What is good for people is also good for the high-grade woods of parquet. At a room temperature of approx. 50 – 60 %, a relative humidity of approx. 20 °C (68 °F) is felt to be pleasant. In order to keep the air humidity constant, especially during hot periods, we recommend you use a humidifier. to prevent extreme drying out of the floor. Air humidifiers should be switched on right from the beginning of the heating season. If the recommended air humidity level is fallen below, minor gaps may develop in the joints between the flooring boards, which usually close again after the heating season.

**How you can additionally protect your parquet floor:**

To preserve the quality and beauty of your floor we recommend using Teflon furniture glides (PTFE) under chairs and furniture legs and doormats in entrances. Chair castors and office roller chairs must comply with German Standard DIN 12529. Use only lined rollers of type W (soft). It is also a good idea to use polycarbonate mats as underlay for armchairs and office chairs.

Please note: Always wring out the cloth or mop very well before wiping the floor. Do not wet mop the parquet surface and never leave puddles or standing water! Steam cleaning machines are not suitable for cleaning hardwood floors.

11/14 Subject to modification in the interest of technical development.